



Agenda

MODIS Atmosphere Group Meeting BWI Airport Marriott

March 23-24, 2003; Baltimore, MD

Afternoon Session, Wednesday, March 23, 1:30 pm - 5:00 pm

“Review of Agenda & Expected Outcome of Meeting” 1:30 pm
Michael King, Goddard Space Flight Center

Calibration, Characterization, and Level-1B

“Recent Developments in Radiance Calibration” 1:45 pm
Chris Moeller, CIMSS, University of Wisconsin

Cloud Radiative and Microphysical Properties

“Bulk Scattering Properties for the Remote Sensing of Ice Clouds” 2:00 pm
Bryan Baum, NASA Langley Research Center

“Development and Implementation of a Suite of Cirrus Cloud
Property Retrieval Algorithms for the A-Train” 2:15 pm
Jay Mace, University of Utah

“Continuity of Cloud Detection with AVHRR, HIRS, MODIS, GLAS,
and VIIRS” 2:30 pm
Andy Heidinger, NOAA/NESDIS, University of Wisconsin

“Recent Upgrades to the Collection 5 MODIS Near-IR Water Vapor
Algorithm and Cirrus Reflectance Algorithm” 2:45 pm
Bo-Cai Gao, Naval Research Laboratory

Break 3:00 pm

“Study of Tropical Cirrus Clouds using MODIS data” 3:30 pm
Ping Yang, Kerry Meyer, Bo-Cai Gao, and Gerald North,
Texas A&M University

“Using MODIS and MISR Observations to Retrieve Cloud Phase and
Ice Cloud Habit” 3:45 pm
Sally McFarlane and Roger Marchand,
Pacific Northwest National Laboratory

Future Directions

“Issues with Level 3 Cloud Products” 4:00 pm
Brent Maddux, University of Wisconsin

“Update on MODIS Polar Winds” Paul Menzel, NOAA/NESDIS, University of Wisconsin	4:15 pm
“Discussing Continuity to NPP” Paul Menzel, NOAA/NESDIS, University of Wisconsin	4:30 pm
Adjourn	5:00 pm
Morning Session, Thursday, March 24, 8:30 am - 12:00 pm	
Aerosol Optical Properties	
“The Aerosol Algorithms: 004, 005, 006 ... and on to Infinity” Lorraine Remer, Goddard Space Flight Center	8:30 am
“Use of MODIS Data to Distinguish Anthropogenic Aerosol” Yoram Kaufman, Goddard Space Flight Center	9:00 am
“The Effects of Aerosols on California Climate” Mark Jacobson, Stanford University	9:15 am
“Characterization of Aerosols using Airborne Lidar, MODIS, and GOCART Data during the TRACE-P (2001) Mission” Rich Ferrare, Langley Research Center	9:30 am
“PARASOL and the A-Train” Jean-François Léon, Université des Sciences et Technologies de Lille	9:45 am
“Participation in IDEA” Kathy Strabala, CIMSS, University of Wisconsin	9:30 am
“Aerosol Properties over Bright-Reflecting Source Regions: The Deep Blue Algorithm and its Applicability to MODIS” Christina Hsu, Si-Chee Tsay, Michael King, and Jay Herman, GSFC	9:45 am
“Suppression of Deep Convection over the Tropical North Atlantic by the Saharan Air Layer” Sun Wong and Andrew Dessler, University of Maryland-College Park	10:00 am
“Near-IR AOD Validation and Spatial Variability Studies in the Extended-MODIS-□ Validation Experiment (EVE)” Jens Redemann & Beat Schmid, Bay Area Environ. Research Institute Philip Russell, Ames Research Center	10:15 am
Break	10:30 am

Direct Broadcast

“Direct Broadcast and You” 11:00 am
Liam Gumley, CIMSS, University of Wisconsin

Data Use, Assimilation & Interdisciplinary Science Investigations

“Aerosol Assimilation of MODIS Radiances over Land and Ocean” 11:15 am
Clark Weaver, University of Maryland-Baltimore County

“Satellite Data and Global Model Integration of Global Distribution 11:30 am
of Aerosols to Estimate the Aerosol Radiative Forcing”
Hongbin Yu, University of Maryland-Baltimore County,
M. Chin, Y. Kaufman, L. Remer, GSFC, and
M. Zhou, R. E. Dickinson, Q. Tan (Georgia Tech)

Atmospheric Correction

“Atmospheric Correction over Water and Snow/Ice Surfaces” 11:45 am
Knut Stamnes, Stevens Institute of Technology

Adjourn 12:00 pm